

Access DB# 29579

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Sant-Ming Hui Examiner #: 78222 Date: 11/20/00  
Art Unit: 1617 Phone Number 305-1002 Serial Number: 09628803  
Mail Box and Bldg/Room Location: [REDACTED] Results Format Preferred (circle): PAPER/DISK E-MAIL

2819  
If more than one search is submitted, please prioritize searches in order of need.

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Methods and compositions for alleviating ~~stuttering~~ stuttering  
Inventors (please provide full names): John J. Murphy

Kay Jorgenson D'Orlando  
Earliest Priority Filing Date: 7/29/99

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

please search claim 2 and 3. The compound used in the claims, particular partial GABA receptor agonist such as suriclonone and pagoclonone.

If there is any prior art for pagoclonone, then it could be good.

Point of Contact:  
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## STAFF-USE ONLY

Type of Search		Vendors and cost where applicable
Searcher: <u>Hanley</u>	NA Sequence (#) <u>STN</u>	<u>TEXT</u>
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) <u>1</u>	Questel/Orbit _____
Date Searcher Picked Up: <u>12/14</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>12/5</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>7:30/SIR 50</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>TEXT 120 SIR 50</u>	Other _____	Other (specify) _____

Applicant's remarks regarding the compounds of the present invention are not directly involved in the release or synthesis of GABA itself has been considered but found unpersuasive as to non-obviousness of using pagoclone in a method of treating stuttering because paglacone is known to be a partial GABA agonist which would be expect to bind to the GABA receptor and result in increasing GABA neurotransmitter function. Based on Sandyk, it is known that the immediate improvement of stuttering was observed in increasing GABA activity. One skilled in the art would reasonably expect any ligand that binds to the GABA receptor and exhibits an increase of GABA neurotransmitter function such as an agonist (GABA) or a partial agonist (pagoclone) to be useful in improving or treating stuttering.